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disclosures of which are incorporated herein by reference.

In the Claims:

Please enter amended Claim 1 as follows:

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1. (Amended) A receiver for demodulating a data signal transmitted from a digital source at a network sampling rate that is synchronized with a network clock, comprising:
- A2*
- a two-stage interpolator, responsive to digital samples of the data signal, that generates interpolated digital samples in response thereto, the digital samples having a first local sample rate that is synchronized with a local clock and the interpolated digital samples having a second local sample rate that is synchronized with the network clock, the two-stage interpolator comprising:
- a polyphase interpolator, responsive to the digital samples of the data signal, that generates first and second estimates for each of the digital samples of the data signal; and
- a linear interpolator, responsive to the first and second estimates, that generates the interpolated digital samples;
- an adaptive fractionally spaced decision feedback equalizer, responsive to the interpolated digital samples, that generates equalized digital samples at the network sampling rate in synchronization with the network clock; and
- a slicer, responsive to the equalized digital samples, that generates detected symbols therefrom corresponding to data from the data signal.

Please cancel Claim 4 without prejudice or disclaimer.

Please enter amended Claims 5 and 12 as follows:

- A3*
5. (Amended) A receiver as recited in Claim 1, wherein the two-stage interpolator further comprises:
- a time converter, responsive to the sampling index signal, that generates first and second integers in response thereto, the polyphase interpolator being responsive to the first integer and the linear interpolator being responsive to the second integer.